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(71) Applicants (*for all designated States except US*): **HONDA GIKEN KOGYO KABASHIKI KAISHA** [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP). **SHOWA DENKO K.K.** [JP/JP]; 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 (JP).

(72) Inventors; and

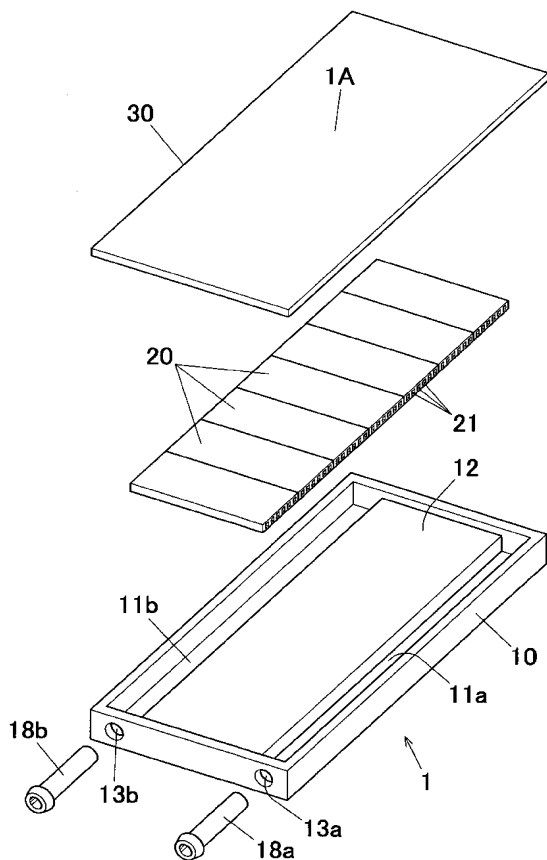
(75) Inventors/Applicants (*for US only*): **AMANO, Atsushi** [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1 Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **URUSHIHARA, Keisuke** [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1 Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **YAMAUCHI, Shinobu** [JP/JP]; c/o Oyama Regional Office, Showa Denko K.K., 480, Inuzuka 1-chome, Oyama-shi, Tochigi 323-8678 (JP). **WAKABAYASHI, Nobuhiro** [JP/JP]; c/o Oyama Regional Office, Showa Denko K.K., 480, Inuzuka 1-chome, Oyama-shi, Tochigi 323-8678 (JP).

(74) Agents: **SHIMIZU, Hisayoshi** et al.; Idemitsu Nagahori Bldg., 4-26, Minamimemba 3-chome, Chuo-ku, Osaka-shi Osaka 542-0081, Osaka 542-0081 (JP).

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(54) Title: LIQUID-COOLING TYPE COOLING PLATE



(57) Abstract: A liquid-cooling type cooling plate 1 is equipped with at least one flat multi-bored tube 20, a substrate 10, and a cover plate 30. The substrate 10 has at its upper surface, two header forming portions 11a and 11b arranged apart from each other and a tube accommodating portion 12 for accommodating the tube 20, the tube accommodating portion 12 being formed between the header forming portions. An upper surface of the cover plate 30 and/or a lower surface of the substrate 10 is configured to be attached by a member to be cooled. The tube 20 is accommodated in the tube accommodating portion 12. The tube 20 is disposed between the substrate 10 and the cover plate 30. An opening of each header forming portion is closed by the cover plate 30, whereby two header portions 14a and 14b are formed. The substrate 10, the tube 20 and the cover plate 30 are integrally jointed.

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